

INFORMATION DISCLOSURE CITATION
 PTO-1449

**TRANSGENIC MICE CONTAINING CRFR2
 CORTICOTROPIN-RELEASING FACTOR
 RECEPTOR GENE DISRUPTIONS**

Date: October 29, 2001

OCT 29 2001

Atty Docket:
R-616Serial No.:
09/900,700Applicant:
ALLENFiling Date:
July 6, 2001Group Art Unit:
Unassigned
U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PP	Bale, T. L. et al., <u>Nature Genetics</u> , 24:410-414 (2000), "Mice deficient for corticotropin-releasing hormone receptor-2 display anxiety-like behaviour and are hypersensitive to stress"
	Berridge, C. W. et al., <u>Pharm. Biochem. Behav.</u> , 34:517-519 (1989), "CRF and Restraint-Stress Decrease Exploratory Behavior in Hypophysectomized Mice"
	Britton, D. R. et al., <u>Life Sci.</u> , 38:211-216 (1986), "Dexamethasone Suppresses Pituitary-Adrenal But Not Behavioral Effects of Centrally Administered CRF"
	Britton, K. T. et al., <u>Life Sci.</u> , 39:1281-1286 (1986), "Activating and 'Anxiogenic' Effects of Corticotropin Releasing Factor are not Inhibited by Blockade of the Pituitary-Adrenal System with Dexamethasone"
	Brown, M. R. et al., <u>Brain Res.</u> , 280:75-79 (1983), "Central Nervous System Effects of Corticotropin Releasing Factor in the Dog"
	Butler, P. D. et al., <u>J. Neurosci.</u> , 10:176-183 (1990), "Corticotropin-Releasing Factor Produces Fear-Enhancing and Behavioral Activating Effects Following Infusion into the Locus Coeruleus"
PP	Coste, S. C. et al., <u>Nature Genetics</u> , 24:403-409 (2000), "Abnormal adaptations to stress and impaired cardiovascular function in mice lacking corticotropin-releasing hormone receptor-2"

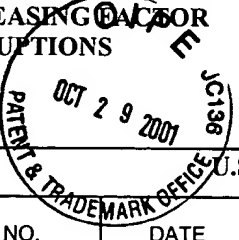
EXAMINER

DATE CONSIDERED

10/20/01

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION PTO-1449 TRANSGENIC MICE CONTAINING CRFR2 CORTICOTROPIN-RELEASING FACTOR RECEPTOR GENE DISRUPTIONS Date: October 29, 2001				Atty Docket: R-616		Serial No.: 09/900,700	
				Applicant: ALLEN			
				Filing Date: July 6, 2001		Group Art Unit: Unassigned	



U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE

FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
PP PP	Fabbri, A. et al., <u>Endocrinology</u> , 127:1541-1543 (1990), "Corticotropin-Releasing Factor is Produced by Rat Leydig Cells and has a Major Local Antireproductive Role in the Testis" Holsboer, F. et al., <u>N. Engl. J. Med.</u> , 311:1127-1128 (1984), "Blunted Corticotropin and Normal Cortisol Response to Human Corticotropin-Releasing Factor in Depression" Hsu and Hsueh, <u>Nature Medicine</u> , 7:605-611 (2001), "Human stresscopin and stresscopin-related peptide are selective ligands for the type 2 corticotropin-releasing hormone receptor" Kaye, W. H. et al., <u>J. Clin. Endocrinol. Metab.</u> , 64:203-208 (1987), "Elevated Cerebrospinal Fluid Levels of Immunoreactive Corticotropin-Releasing Hormone in Anorexia Nervosa: Relation to State of Nutrition, Adrenal Function, and Intensity of Depression" Kishimoto, T. et al., <u>Proc. Natl. Acad. Sci. USA</u> , 92:1108-1112 (1995), "A sauvagine/corticotropin-releasing factor receptor expressed in heart and skeletal muscle" Kishimoto, T. et al., <u>Nature Genetics</u> , 24:415-419 (2000), "Deletion of <i>Crhr2</i> reveals an anxiolytic role for corticotropin-releasing hormone receptor-2" Kling, M. A. et al., <u>J. Clin. Endocrinol. Metab.</u> , 72:260-271 (1991), "Cerebrospinal Fluid Immunoreactive Corticotropin-Releasing Hormone and Adrenocorticotropin Secretion in Cushing's Disease and Major Depression: Potential Clinical Implications"

EXAMINER <i>Rita Puro</i>	DATE CONSIDERED <i>10/20/01</i>
--	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SHEET 3 OF

INFORMATION DISCLOSURE CITATION
PTO-1449

Atty Docket:
R-616

Serial No.:
09/900,700

**TRANSGENIC MICE CONTAINING CRFR2
CORTICOTROPIN-RELEASING FACTOR
RECEPTOR GENE DISRUPTIONS**

Date: October 29, 2001

OCT 29 2001

Applicant:
ALLEN

Filing Date:
July 6, 2001

Group Art Unit:
Unassigned

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PP	Kostich, W. A. et al., <u>Molec. Endocrinol.</u> , 12(8):1077-1085 (1998), "Molecular Identification and Analysis of a Novel Human Corticotropin-Releasing Factor (CRF) Receptor: The CRF2Y Receptor"
	Lesh, J. S. et al., <u>Mammalian Genome</u> , 8:944-945 (1997), "Mapping of the mouse corticotropin-releasing hormone receptor 2 gene (<i>Crrh2</i>) to Chromosome 6"
	Liaw, C. W. et al., <u>Endocrinology</u> , 137:72-77 (1996), "Cloning and Characterization of the Human Corticotropin-Releasing Factor-2 Receptor Complementary Deoxyribonucleic Acid"
	Meyer, A. H. et al., <u>Genomics</u> , 40:189-190 (1997), "Localization of the Human CRF2 Receptor to 7p21-p15 by Radiation Hybrid Mapping and FISH Analysis"
	Morley, J. E. et al., <u>Life Sci.</u> , 31:1459-1464 (1982), "Corticotropin Releasing Factor, Grooming and Ingestive Behavior"
	Nemeroff, Charles B., <u>Pharmacopsychiat.</u> , 21:76-82 (1988), "The Role of Corticotropin-Releasing Factor in the Pathogenesis of Major Depression"
PA	Nemeroff, C. B. et al., <u>Science</u> , 226:1342-1344 (1984), "Elevated Concentrations of CSF Corticotropin-Releasing Factor-Like Immunoreactivity in Depressed Patients"

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

PTO-1449

TRANSGENIC MICE CONTAINING CRFR2
CORTICOTROPIN-RELEASING FACTOR
RECEPTOR GENE DISRUPTIONS

Date: October 29, 2001

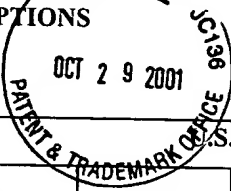
Atty Docket:
R-616

Serial No.:
09/900,700

Applicant:
ALLEN

Filing Date:
July 6, 2001

Group Art Unit:
Unassigned



U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PP	Roy-Byrne, P. P., <u>Am. J. Psychiatry</u> , 143:896-899 (1987), "The Corticotropin-Releasing Hormone Stimulation Test in Patients With Panic Disorder"
	Sherman, J. E. et al., <u>Pharm. Biochem. Behav.</u> , 26:699-703 (1987), "The Effects of ICV-CRH on Novelty-Induced Behavior"
	Sirinathsinghi, D. J. et al., <u>Nature</u> , 305:232-235 (1983), "Corticotropin-releasing factor is a potent inhibitor of sexual receptivity in the female rat"
	Stephens, R. L., Jr. et al., <u>Peptides</u> , 9:1067-1070 (1988), "Intracisternal Injection of CRF Antagonist Blocks Surgical Stress-Induced Inhibition of Gastric Secretion in the Rat"
	Suda, T. et al., <u>J. Clin. Endocrinol. Metab.</u> , 58:919-924 (1984), "Immunoreactive Corticotropin and Corticotropin-Releasing Factor in Human Hypothalamus, Adrenal, Lung Cancer, and Pheochromocytoma"
	Sutton, R. E. et al., <u>Nature</u> , 297:331-333 (1982), "Corticotropin releasing factor produces behavioural activation in rats"
PP	Swanson, L. W. et al., <u>Neuroendocrinology</u> , 36:165-186 (1983), "Organization of Ovine Corticotropin-Releasing Factor Immunoreactive Cells and Fibers in the Rat Brain: An Immunohistochemical Study"

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.